

Recirculating Chillers ProfiCool Genius

- Single-circuit systems including tank open to atmosphere
- Air-cooled cooling machine
- Plastic tank with water level indicator
- Electronic microprocessor-controlled thermostat with digital display
- On/off switch
- Manometer displaying coolant outlet pressure
- Built-in pump (see pump characteristics)
- Housing powder-coated, colour RAL 7043 (traffic grey B)



ProfiCool Genius
(with option castors)

Model ProfiCool Genius	PCGE 11	PCGE 21	PCGE 25	PCGE 28
Net cooling capacity at +20/+15°C	kW : 1.1 / 1.0	2.0 / 1.9	2.5 / 2.3	3.5 / 3.2
Eff. cooling capacity at +20/+15°C	kW : 0.7 / 0.6	1.6 / 1.5	2.1 / 1.9	3.1 / 2.8
Operating range *	°C : +5 / +25	+5 / +25	+5 / +25	+5 / +25
Temperature constancy	K : ±1.5	±1.5	±1.5	±1.5
Rated coolant flow	m³/h : 0.6	0.6	0.6	0.7
Pump	type : P3-BR11A	P3-BR11A	P3-BR11A	P3-BR11x
Pump pressure **	bar : 2.9	2.9	2.9	2.8
Tank capacity	litres : 10	10	10	10
Water connection	Inch : R 1/2" Female	R 1/2" Female	R 1/2" Female	R 1/2" Female
Required flow of cooling air	m³/h : 910	825	990	1,310
Starting current 230V/400V	Amps : 17 / —	29 / —	35 / —	32 / 16
Power input max. 230V/400V	kW : 1.0 / —	1.2 / —	1.4 / —	1.5 / 1.6
Operating voltage	Models -NEA : 230/50/1	230/50/1	230/50/1	230/50/1
volt/Hz/phase	Models -NEB : —	—	—	400/50/3+N
Weight	kgs : 52	55	58	77
Dimensions WxDxH	mm : 445x575x540	445x575x540	445x575x540	445x575x640
Refrigerant	CFC-free : R134a	R134a	R134a	R134a

* Set temperatures <+5°C and >+25°C on request.

** Pressure at rated coolant flow.

Alternative units: PCGE 31, ProfiCool Novus series

ProfiCool Genius + options / accessories:

Cat. No.

ProfiCool Genius PCGE 11.02-NEA
ProfiCool Genius PCGE 21.02-NEA
ProfiCool Genius PCGE 25.02-NEA
ProfiCool Genius PCGE 28.02-NEA
ProfiCool Genius PCGE 28.02-NEB

GUPCGE0011.02-NEA
GUPCGE0021.02-NEA
GUPCGE0025.02-NEA
GUPCGE0028.02-NEA
GUPCGE0028.02-NEB

Pump P6-BR12 instead of P3-BR11

MPCGE6-P6-BR12x-0028

Pump P7-BR17 instead of P3-BR11

MPCGE6-P7-BR17x-0028

Continuous-flow system without tank and/or without pump

on request

Overflow by-pass valve

ZPCGE6-041-0028

4 swivel castors, 2 with brakes

ZPCGE5-021-0028

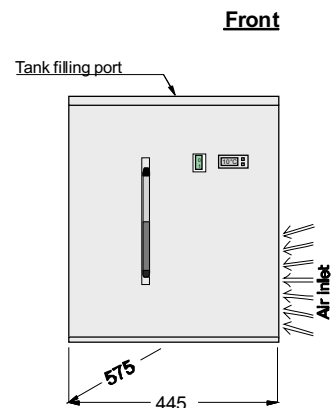
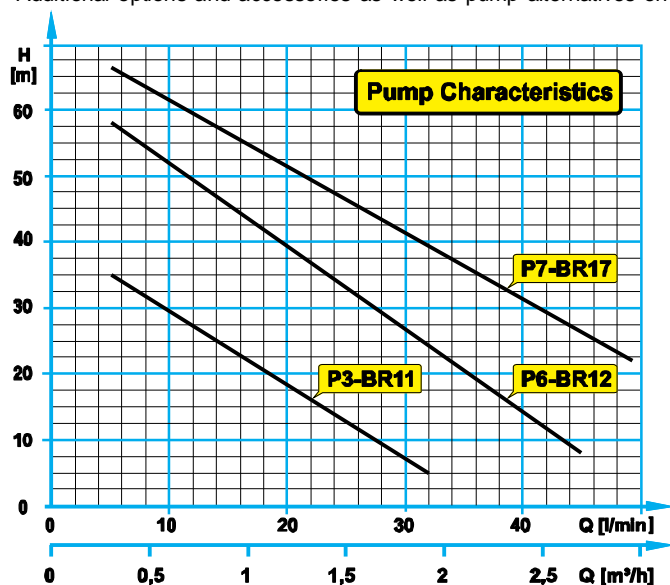
Temperature constancy up to ±0.5 K

on request

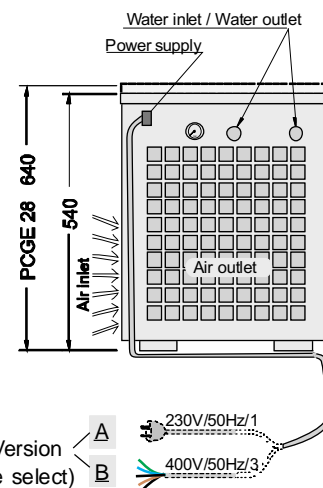
Export version with special voltages / frequencies

on request

Additional options and accessories as well as pump alternatives on request.



Reverse



x = Version
(Please select)

A 230V/50Hz/1
B 400V/50Hz/3